BRUHAT BANGALORE MAHANAGARA PALIKE
RAJARAJESHWARI NAGAR ZONE
WORK ORDER SCHEDULE 'B'

Name of Work : Providing M&R to Electrical installation of BBMP Buildings in Ward no 16,17 & 37.

Name of the Agency:-Prema Electrical Enterprises

Sl.No	Qty	Description of Item	Unit	Rates as per Sanctioned estimate		Amount
				In figure	In words	
1		Open Conduit System Supplying heavy gauge PVC conduit pipe .....dia .....mm thick confirming to IS 2509 with suitable size bends, junction boxes, adhesive paste etc., and fixing using inverted wood plugs in case of RCC ceiling and RCC wall / stone structure or rawl plugs in case of brick walls and cement plastering the damaged portion using heavy gauge saddles at an interval of 700mm using NF screws.				
	25	19/20mm dia 2mm thick	Mtr	54.00	Rupees Fifty four Only	1350.00
2		Supplying and fixing of PVC casing and capping on the wall or ceiling using necessary materials like bends, screws at an interval of 300mm .... etc. as required.				
	25	25mm	Mtr	26.00	Rupees Twenty six Only	650.00
3		Supplying PVC/GI flexible conduit pipe...mm dia fixing on surface over inverted tapered wooden plugs or phill plugs or rawl plugs and clamped using heavy gauge saddles at an interval of 300mm using NF screws and on either end of the pipe terminated completely				
	5	20mm	Mtr	23.00	Rupees Twenty Three Only	115.00
4	5	Supplying And Fixing "S" Hook made out of 14mm dia M.S.Rod.	No	36.00	Rupees Thirty six Only	180.00
5	5	Supplying And Fixing M.S. Rafter Clamp Set made out of M.S. Flat & 14mm M.S. rod.	No	83.00	Rupees Eighty Three Only	415.00
6		Point wiring using Copper wire with switch. Supplying and wiring adopting loop system in existing PVC Conduit / casing capping using 1100V grade, COPPER conductor flexible multistrand FRLS PVC insulated, 2 X1.5Sq.mm Cable confirming to the GTP, with a 6Amps flush type SP control switch shall be fixed on the existing plastic sheet / gang box, the other end of the wires shall be terminated with sufficient loose length in a wood/PVC round block. complete for each outlet. GROUP A				
	2	Short point upto 3Mtr from tapping point to out let via switch	Point	174.00	Rupees One Hundred and Seventy four Only	348.00
	5	Medium point above 3Mtr upto 6Mtr from tapping point to out let via switch	Point	245.00	Rupees Two Hundred and fourty five Only	1225.00
	5	Long point above 6Mtr upto 10Mtr from tapping point to out let via switch	Point	363.00	Rupees Eleven Thousand Five Hundred Only	1815.00

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7		Wiring for lighting/power circuit using one of FRLS PVC insulated 1100V grade, multistrand Copper with low conductor resistance single core wire in open or concealed system of wiring with specified IS-694:1990 & confirming to GTP of GROUP -A.				
	100	1.5 sqmm	Mtr.	18.60	Rupees Eighteen and paise sixty Only	1860.00
	200	2.5 sqmm	Mtr.	29.20	Rupees Twenty nine and paise Twenty Only	5840.00
	200	4 sqmm	Mtr.	42.10	Rupees Forty two and paise Ten Only	8420.00
	50	6 sqmm	Mtr.	63.80	Rupees Sixty three and paise Eighty Only	3190.00
8		Supplying and drawing PVC flexible copper wire of approved make in place of deteriorated wire.				
	50	23/0.0060"	Mtr.	8.00	Rupees Eight Only	400.00
9		Supplying and fixing of modular switch/ Socket/stepped electronic fan regulator/ dimmer/telephone socket etc on existing modular switch plate as per IS 3854 and IS 1293 GROUP A (Item No. - 3.7.A)				
	10	Stepped Fan Regulator.	Each	286.00	Rupees Two Hundred and eighty six Only	2860.00
	2	TV/Telephone socket	Each	82.00	Rupees Eighty two Only	164.00
10	20000	Supplying and fixing hylum plastic sheet 3mm thick with necessary nitches for fixing switches, regulators etc., and fixing on existing wood or metal box using N.F. screws.	Sq CM	0.22	Rupees paise Twenty two Only	4400.00
11		Supplying....way plastic gang box and fixing using necessary wooden/ rawl/phill plugs and screws.				
	10	2 to 4 way gang box	No	29.00	Rupees Twenty nine Only	290.00
	15	6 to 10 way gang box	No	53.00	Rupees Fifty three Only	795.00
12		Supplying and fixing/replacing of 6/16/32Amps electrical accessories on existing switch board. GROUP A				
	100	6Amps SP Switch	No	35.00	Rupees Thirty five Only	3500.00
	10	6Amps 2way Switch	No	49.00	Rupees Forty nine Only	490.00
	25	6Amps 3 way 5 pin Socket	No	53.00	Rupees Fifty three Only	1325.00
	25	6Amps 3 pin Top	No	51.00	Rupees Fifty one Only	1275.00
	25	6Amps Bakelite ceiling rose	No	43.00	Rupees Forty three Only	1075.00
	25	6 Amps lamp holder	No	48.00	Rupees Forty eight Only	1200.00
	10	6 Amps bell push	No	48.00	Rupees Forty eight Only	480.00
	10	6 Amps bell buzzer	No	117.00	Rupees One Hundred Seventeen Only	1170.00
	10	16 Amps SP switch	No	89.00	Rupees eighty nine Only	890.00
	10	16 Amps 3 way 5 pin socket	No	94.00	Rupees ninenty four Only	940.00
	10	16 Amps 3 pin top	No	77.00	Rupees Seventy seven Only	770.00

	Qty	Description of Item	Unit	Rates as per Sanctioned estimate		Amount
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	10	32 Amps Bakelite DP	No	156.00	Rupees One Hundred fifty six Only	1560.00
	10	16/6 Amps combined plug and socket with control switch	No	268.00	Rupees Two Hundred Sixty eight Only	2680.00
13		Supplying box type suitable for 28W T5 single / twin Lamp & suspension mounted luminaire & optical reflector. Prewired with HF electronic Ballast, push fit type lamp holders & main connectors. Channel cover shall be made of CRCA MS Sheet and finishing is done with stove enameled white with end caps made of engineering plastic.				
	5	1x4'-28 Watts	Each	990.00	Rupees Nine Hundred ninety Only	4950.00
14		Supplying & fixing of Porcelain fuse channel with cut out on existing wooden/panel using necessary nuts, bolts and washers.				
	5	63Amps	Each	234.00	Rupees Two Hundred Thirty four Only	1170.00
15		Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898.				
	10	5-32Amps SP	Each	418.00	Rupees Four Hundred Eighteenr Only	4180.00
	5	5-32 Amps DP	Each	849.00	Rupees Eight Hundred Forty nine Only	4245.00
	1	40-63Amps TPN	Each	1936.00	Rupees One Thousand Nine HundredThirty six Only	1936.00
16	4	Supplying, fixing, wiring, earth electrode for grounding conduits, I.C. cutouts and other equipment's on the meter board using 40mm dia 2.90mm thick GI pipe 2.5 mtr long buried in a pit ... The pit should be filled with equal proportion of salt and charcoal 150mm all-round the pipe to complete depth. The connection from the pipe to the conduit etc., is to be established through GI wire of size as per ISI specification 7.3.3. of IS 732 using 12mm dia bolts, nuts, washers and check nuts etc., the pipe shall have 16 through holes of 122 mm dia	No	2727.00	Rupees Two Thousand Seven Hundred Twenty seven Only	10908.00
17		Supplying and running GI/Copper conductor for grounding and (along with other wires in conduit system of wiring) using necessary suitable size clamps, nails, guttas/spacers etc. GI Wire				
	50	8 SWG	Mtr	19.50	Rupees Nineteen and paise fifty Only	975.00
18		Supplying wall mounting fan suitable to operate at single-phase 230v A.C. supply.				
	2	300mm Sweep	Each	2424.00	Rupees Two Thousand Four Hundred Twenty four Only	4848.00

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19		Supplying and drawing PVC flexible one pair telephone unarmoured tinned copper cable.				
	50	2Pair	Rmt.	13.00	Rupees Thirteen Only	650.00
20	1	Supplying and fixing one of 230 volts bell or buzzer and a flush type bell push with gang box fixed on necessary wooden or rawl plugs using NF screws.	Each	145.00	Rupees One Hundred Forty five Only	145.00
21		Supplying and fixing one of 230 volts Ding dong bell and a flush type bell push with gang box fixed on necessary wooden or rawl plugs using NF screws				
	1	Ding Dong Bell	Each	200.00	Rupees Two Hundred Only	200.00
22		Supplying and fixing/replacing condenser for ceiling fan/MV/SV/MH and other luminaries.				
	5	upto 4mfd	Each	104.00	Rupees One Hundred and five Only	520.00
23		Rewinding a ... mm ceiling fan/after using necessary gauge annealed and insulated copper wire with necessary insulating, separators vibration arresting shellac, etc including replacement of bearings if any transportation to and from the spot to workshop inclusive of releasing the refixing.				
	5	1200MM	Each	630.00	Rupees Six Hundred Thirty Only	3150.00
24	10	Releasing the existing fan dismantling testing painting after removing the existing painting by scraping and cleaning (spray method) not less than 2 coats of approved make enamel paint to a ceiling fan and wiring and fixing of the same.	Each	278.00	Rupees Two Hundred and Seventy Eight Only	2780.00
25	10	Supply and fixing of heavy duty open construction ferromagnetic copper ballast for 20/40 watts fluorescent tubes.	Each	200.00	Rupees Two Hundred Only	2000.00
26	25	Releasing the existing FTL Fitting all capacities, checking, testing and installing at same place.	Each	30.00	Rupees Thirty Only	750.00
27		Supplying and fixing/replacing of fluorescent tube.				
	40	18 to 40Watts	No	75.00	Rupees Seventy Five Only	3000.00
28	10	Supply and fixing of 230 volts 20/40 watts starter for fluorescent lamp.	No	31.00	Rupees Thirty One Only	310.00
29	20	Supply and fixing of 230 volts 20/40 watts fluorescent lamp holder.	No	31.00	Rupees Thirty One Only	620.00
30		Fixing all types and all capacities of fluorescent / false ceiling / spot light / CFL / LED fittings indoor on the wall / ceiling / rafters / girders using 23/0.0076" twin twisted PVC insulated wires, required Nos of round blocks and clamps.				
	5	On wall / ceiling / Rafter / Girders	Each	98.00	Rupees Ninety Eight Only	490.00

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31	2	Fixing a ceiling / wall mounting fan of all capacities and all types, with necessary clamps and 'S' hook made out of 15mm dia MS rod, with 5 amps. ceiling rose of approved quality with necessary length of 23 / 0.0076 inch PVC insulated twin twisted wire of approved quality, mounted on a suitable size wooden board and wired.	Each	237.00	Rupees Two Hundred Thirty Seven Only	474.00
Total						**99973.00**
Tender Premium: -0.95% below						

I Agree to carry Out this work at **-0.95%** Below the rates notified above as per the directions of Engineer incharge of Work

Contractor

Executive Engineer(Electrical)
Rajarajeshwarinagar zone, BBMP